

ABSTRACT OF THE DISCLOSURE

A rotor for a turbo machine, in particular for a gas turbine, is disclosed. The rotor includes a rotor base body and several rotor blades arranged over the circumference of the rotor base body, in which case the rotor base body is manufactured of an MMC composite material, and in which case the rotor blades are an integral part of the rotor. The rotor base body is configured in the shape of a ring, in which case the ring-shaped rotor base body includes, in a radially internal section, at least one groove-like recess which is filled radially on the inside with fibers exhibiting tensile strength.